

Converting Colors

$Y_{xy}(81.2740, 0.4660, 0.3428)$

Have a look what the booklet for
Yxy(81.2740, 0.4660, 0.3428)
contains.

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Color

Yxy(57.8436, 0.3910, 0.3481)

Conversions

Conversions Part 1

Format	Color
Hex	FFB7A5
RGB	255, 183, 165
RGB Percent	100%, 72%, 65%
CMY	0.0000, 0.2824, 0.3528
CMYK	0.00, 0.28, 0.35, 0.00
HSL	12°, 100%, 82%
HSV	12°, 35%, 100%
XYZ	64.9723, 57.8436, 43.3536
YIQ	202.4760, 48.6900, 9.6660

Conversions

Conversions Part 2

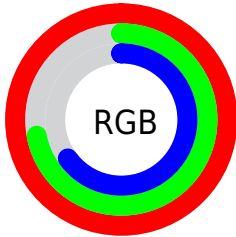
Format	Color
R _Y B	255, 188, 165
Decimal	16758693
CIE Lab	80.65, 23.85, 19.51
CIE LCh	81, 30.811, 39.276
Yxy	57.8436, 0.3910, 0.3481
Android (android.graphics.Color)	4294948773 (0xFFFFB7A5)
YUV	202.4760, -18.4757, 46.0635
Hunter-Lab	76.0550, 19.3928, 19.4414

Details

The Yxy color **57.8436, 0.3910, 0.3481** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.8140, 0.2601, 0.3087**, and the grayscale version is **59.4703, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.1603, 0.3355, 0.3479**, and **28.8933, 0.4111, 0.3522** is the 20% darker color. If you saturate the color by 10%, you get **49.1875, 0.4237, 0.3534**, and if you desaturate by 10%, it is **67.9044, 0.3633, 0.3425**.

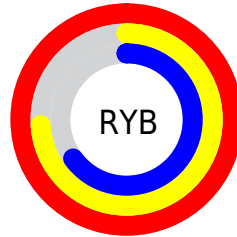
Distribution



Red (100%)

Green (72%)

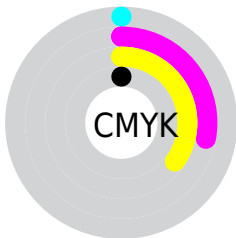
Blue (65%)



Red (100%)

Yellow (74%)

Blue (65%)

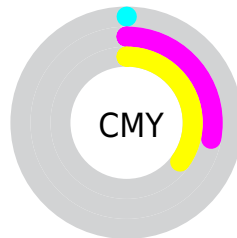


Cyan (0%)

Magenta (28%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.8436, 0.3910, 0.3481 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 57.8436, 0.3910, 0.3481 by changing the saturation by 10% instead.


 57.8436, 0.3910,
0.3481


 57.8436, 0.3910,
0.3481


416.6029, 0.3529,
0.3401

 41.6829, 0.4001,
0.3496


 101.6951, 0.3774,
0.3455

 28.8531, 0.4117,
0.3514


 130.1547, 0.3722,
0.3445

 18.9697, 0.4266,
0.3533


163.4827, 0.3678,
0.3435

 11.6484, 0.4465,
0.3552

202.0635, 0.3640,
0.3427

 6.5047, 0.4745,
0.3567

246.2815, 0.3607,
0.3420

 3.1544, 0.5159,
0.3560

296.5212, 0.3578,

 1.2128, 0.6260,

0.3413

0.3740

353.1668, 0.3552,
0.3407

0.0722, 0.9002,
0.0998

0.0000, 0.0000,
0.0000

57.8436, 0.3910,
0.3481

57.8436, 0.3910,
0.3481

49.1875, 0.4237,
0.3534

67.9044, 0.3633,
0.3425

41.8745, 0.4613,
0.3578

79.4309, 0.3404,
0.3369

35.8357, 0.5024,
0.3604

92.4784, 0.3214,
0.3316

30.9965, 0.5442,
0.3602

100.0000, 0.3127,
0.3290

■ 27.2744, 0.5819,
0.3565

■ 24.5753, 0.6105,
0.3493

■ 23.6197, 0.6205,
0.3455

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.8436, 0.3706, 0.3156



57.8436, 0.3910, 0.3481



57.8436, 0.3886, 0.3783

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.8436, 0.3910, 0.3481



57.8436, 0.2887, 0.3766



57.8436, 0.2602, 0.2642

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



57.8436, 0.3910, 0.3481



75.8140, 0.2601, 0.3087

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



57.8436, 0.2415, 0.2751



57.8436, 0.3910, 0.3481



57.8436, 0.2570, 0.3394

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.8436, 0.3910, 0.3481



57.8436, 0.3282, 0.3987



57.8436, 0.2403, 0.3017



57.8436, 0.2934, 0.2690

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



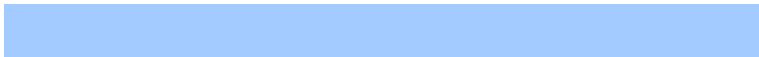
57.8436, 0.3910, 0.3481



57.8436, 0.3748, 0.3933



57.8436, 0.2403, 0.3017



57.8436, 0.2521, 0.2660

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



57.8430, 0.3910, 0.3481



84.8266, 0.3318, 0.3346



54.3856, 0.3301, 0.2557



17.7841, 0.3344, 0.3353



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.8430, 0.3910, 0.3481



51.8758, 0.4124, 0.3518



78.6489, 0.3753, 0.3916



18.5741, 0.3289, 0.3338



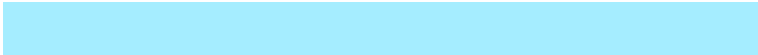
12.5067, 0.6181, 0.3474



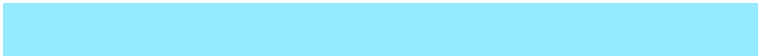
1.3626, 0.5976, 0.3637

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



75.8140, 0.2601, 0.3087



72.1351, 0.2512, 0.3043



53.5949, 0.2530, 0.2570



19.8290, 0.2980, 0.3241



26.5774, 0.2065, 0.2635



2.7370, 0.2088, 0.2718

Previews

White Background



This preview shows how the Yxy color 57.8436, 0.3910, 0.3481 looks on a white background.

Color Contrast Check

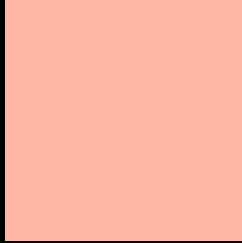
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 57.8436, 0.3910, 0.3481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

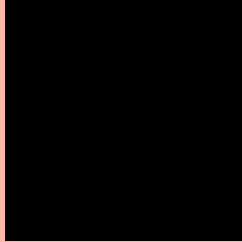
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.8436, 0.3910, 0.3481

Background



This preview shows how black text looks on a background with the Yxy color 57.8436, 0.3910, 0.3481.



This preview shows how white text looks on a background with the Yxy color 57.8436, 0.3910, 0.3481.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

57.8436, 0.3910, 0.3481

Protanopia

58.0273, 0.3410, 0.3612

Deuteranopia

58.1079, 0.3702, 0.3629



Tritanopia

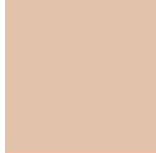
57.7528, 0.3671, 0.3156

Trichromacy



Original Color

57.8436, 0.3910, 0.3481



Protanomaly

57.6546, 0.3582, 0.3566



Deuteranomaly

57.7763, 0.3776, 0.3566



Tritanomaly

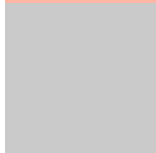
57.7266, 0.3757, 0.3271

Monochromacy



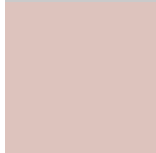
Original Color

57.8436, 0.3910, 0.3481



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

58.0765, 0.3385, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8436, 0.3910, 0.3481 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 183, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 165)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 183, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 165) }
```

Border

The CSS property to change the border of an element to Yxy 57.8436, 0.3910, 0.3481 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 183, 165) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 183, 165) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 183, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 183, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 183, 165); box-shadow:4px 4px 4px 4px rgb(255, 183, 165) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8436, 0.3910, 0.3481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 165) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
183, 165) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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